Author Index

Alder, J.F., see Hunt, A.L. 207 Angnes, L., see Azevedo, C.M.N. 175 Angulo-Romero, F., see Wróbel, K. 217 Aoyagi, H., see Kitatsuji, Y. 181 Araki, K., see Azevedo, C.M.N. 175 Azevedo, C.M.N.

-, Araki, K., Toma, H.E. and Angnes, L.

Determination of sulfur dioxide in wines by gas-diffusion flow injection analysis utilizing modified electrodes with electrostatically assembled films of tetraruthenated porphyrin

Ballesteros, B., see Oubiña, A. 255 Bandel, K., see Rettberg, P. 289 Barceló, D., see Nunes, G.S. 245 Barceló, D., see Oubiña, A. 267 Barceló, D., see Penalva, J. 227

Barcelo, D., see Oubiña, A. 255

Baumstark-Khan, C.

-, Hellweg, C.E., Scherer, K. and Horneck, G. Mammalian cells as biomonitors of UV-exposure 281 Baumstark-Khan, C., see Rettberg, P. 289 Becker, J.S.

-, Kerl, W. and Dietze, H.-J.

Nuclide analysis of an irradiated tantalum target of a spallation neutron source using high performance ion chromatography and inductively coupled plasma mass spectrometry 145

Bengmark, S., see Momeni, N. 21 Bonfil, Y.

-, Brand, M. and Kirowa-Eisner, E.

Determination of sub-µg 1⁻¹ concentrations of copper by anodic stripping voltammetry at the gold electrode 85

Bornscheuer, U.T., see Ji, H.-S. 39 Borremans, B., see Corbisier, P. 235 Brand, M., see Bonfil, Y. 85 Brown, N.L., see Corbisier, P. 235

Chianella, I., see Marrazza, G. 297 Choi, M.M.F.

- and Xiao, D.

Oxygen-sensitive reverse-phase optode membrane using silica gel-adsorbed ruthenium(II) complex embedded in gelatin film 197

Ciucu, A., see Nistor, C. 309

Corbisier, P.

-, van der Lelie, D., Borremans, B., Provoost, A., de Lorenzo, V., Brown, N.L., Lloyd, J.R., Hobman, J.L., Csöregi, E., Johansson, G. and Mattiasson, B.

Whole cell- and protein-based biosensors for the detection of bioavailable heavy metals in environmental samples 235

Costa Lima, J.L.F., see Martelli, P.B. 165 Cruz-Jiménez, G., see Wróbel, K. 217 Csöregi, E., see Corbisier, P. 235

Danielsson, B., see Momeni, N. 21 Danielsson, L.-G., see Luque-Pérez, E. 155 de Lorenzo, V., see Corbisier, P. 235 Dietze, H.-J., see Becker, J.S. 145

Emnéus, J., see Nistor, C. 309

Farré, M., see Nunes, G.S. 245 Fujimoto, Y., see Ohto, K. 61 Fukuzawa, M., see Hara, S. 121

Galve, R., see Oubiña, A. 255 Garcia-Valls, R.

-, Muñoz, M. and Valiente, M. Selective separation of lanthanides by supported liquid membranes containing Cyanex 925 as a carrier 77

Ghous, T.

- and Townshend, A.

Flow injection determination of chlorpromazine by inhibition of glutamate dehydrogenase 47

González-Martínez, M.A., see Penalva, J. 227

Gorton, L., see Nistor, C. 309

Grabarczyk, M., see Korolczuk, M. 97

Greenway, G.M.

-, Haswell, S.J. and Petsul, P.H.

Characterisation of a micro-total analytical system for the determination of nitrite with spectrophotometric detection 1

-, Lehtinen, P., TakaloLehtinen, H. and Lövgren, T. Immunoassay on a single microparticle: the effect of particle size and number on a miniaturized time-resolved fluorometric assay of free prostate-specific antigen 11

Hara, S.

—, Mochinaga, S., Fukuzawa, M., Ono, N. and Kuroda, T. Simple and highly sensitive determination of morphine in rat plasma by liquid chromatography with fluorescence detection 121

Haswell, S.J.

- and Howarth, N.

Perturbation of a solid phase separation process by a non-thermal microwave effect 113

Haswell, S.J., see Greenway, G.M. 1

Hattori, H., see Yuchi, A. 189

Hellweg, C.E., see Baumstark-Khan, C. 281

Hirakawa, T., see Suzuki, H. 103

Hobman, J.L., see Corbisier, P. 235

Horneck, G., see Baumstark-Khan, C. 281

Horneck, G., see Rettberg, P. 289

Howarth, N., see Haswell, S.J. 113

Hunt, A.L.

- and Alder J.F.

Fluorescein mercury(II) acetate and sodium fluorescein as reagents for the determination of bis(2-chloroethyl)sulfide by fluorescence quenching 207

Igarashi, S., see Takahashi, A. 71

Ikebukuro, K., see Ji, H.-S. 39

Ingman, F., see Luque-Pérez, E. 155

Inoue, K., see Ohto, K. 61

Ishii, A., see Kumazawa, T. 53

Ji, H.-S.

—, McNiven, S., Yano, K., Ikebukuro, K., Bornscheuer, U.T., Schmid, R.D. and Karube, I.

Highly sensitive trilayer piezoelectric odor sensor 39

Johansson, G., see Corbisier, P. 235

Karube, I., see Ji, H.-S. 39

Karube, I., see Suzuki, H. 103

Keppler, B.K., see Szpunar, J. 135

Kerl, W., see Becker, J.S. 145

Khayyami, M., see Momeni, N. 21

Kihara, S., see Kitatsuji, Y. 181

Kirowa-Eisner, E., see Bonfil, Y. 85

Kitatsuji, Y.

-, Aoyagi, H., Yoshida, Z. and Kihara, S.

Plutonium(III)-ion selective electrode of liquid membrane type using multidentate phosphine oxide ionophore 181

Korn, M., see Martelli, P.B. 165

Korolczuk, M.

- and Grabarczyk, M.

Voltammetric determination of Cr(VI) in a flow system in the presence of diethylenetriaminepentaacetic acid (DTPA) following its deposition in the metallic state 97

Kumazawa, T.

—, Seno, H., Lee, X.-P., Ishii, A., Watanabe-Suzuki, K., Sato, K. and Suzuki, O.

Extraction of methylxanthines from human body fluids by solidphase microextraction 53 Kuroda, T., see Hara, S. 121

Larsson, P.-O., see Momeni, N. 21

Lee, X.-P., see Kumazawa, T. 53

Lehtinen, P., see Härmä, H. 11

Li, Q.X., see Liu, M. 29

Liu, M.

-, Li, Q.X. and Rechnitz, G.A.

Flow injection immunosensing of polycyclic aromatic hydrocarbons with a quartz crystal microbalance 29

Lloyd, J.R., see Corbisier, P. 235

Łobiński, R., see Szpunar, J. 135

Lövgren, T., see Härmä, H. 11

Luque-Pérez, E.

—, Ríos, A., Valcárcel, M., Danielsson, L.-G. and Ingman, F. Analysis of solid samples using supported liquid membranes: a method for the evaluation of the release of nicotine from Swedish snuff 155

Makarov, A., see Szpunar, J. 135

Maquieira, A., see Penalva, J. 227

Marco, M.-P., see Nunes, G.S. 245

Marco, M.-P., see Oubiña, A. 255

Marco, M.-P., see Oubiña, A. 267

Marrazza, G.

—, Chianella, I. and Mascini, M.

Disposable DNA electrochemical biosensors for environmental monitoring 297

Martelli, P.B.

-, Reis, B.F., Korn, M. and Costa Lima, J.L.F.

Automatic potentiometric titration in monosegmented flow system exploiting binary search 165

Mascini, M., see Marrazza, G. 297

Mattiasson, B., see Corbisier, P. 235

McNiven, S., see Ji, H.-S. 39

Mochinaga, S., see Hara, S. 121

Momeni, N.

—, Ramanathan, K., Larsson, P.-O., Danielsson, B., Bengmark, S. and Khayyami, M.

CCD-camera based capillary chemiluminescent detection of retinol binding protein 21

Muñoz, M., see Garcia-Valls, R. 77

Nistor, C.

-, Emnéus, J., Gorton, L. and Ciucu, A.

Improved stability and altered selectivity of tyrosinase based graphite electrodes for detection of phenolic compounds 309 Noguera-Ortí, J.F.

-, Villanueva-Camañas, R.M. and Ramis-Ramos, G.

Direct injection of edible oils as microemulsions in a micellar mobile phase applied to the liquid chromatographic determination of synthetic antioxidants 127

Nunes, G.S.

-, Marco, M.-P., Farré, M. and Barceló, D.

Direct application of an enzyme-linked immunosorbent assay method for carbaryl determination in fruits and vegetables. Comparison with a liquid chromatography-postcolumn reaction fluorescence detection method 245

Ohto, K.

-, Fujimoto, Y. and Inoue, K.

Stepwise extraction of two lead ions with a single molecule of calix[4]arene tetracarboxylic acid 61

Ono, N., see Hara, S. 121

Oubiña, A.

—, Ballesteros, B., Galve, R., Barcelo, D. and Marco, M.-P. Development and optimization of an indirect enzyme-linked immunosorbent assay for 4-nitrophenol. Application to the analysis of certified water samples 255

Oubiña, A.

-, Barceló, D. and MarcoBarceló, M.-P.

Effect of competitor design on immunoassay specificity: Development and evaluation of an enzyme-linked immunosorbent assay for 2,4-dinitrophenol 267

Penalva, J.

—, González-Martínez, M.A., Puchades, R., Maquieira, A., Pilar Marco, M. and Barceló, D.

Immunosensor for trace determination of Irgarol 1051 in seawater using organic media 227

Petsul, P.H., see Greenway, G.M. 1

Pieper, T., see Szpunar, J. 135

Pilar Marco, M., see Penalva, J. 227

Provoost, A., see Corbisier, P. 235

Ptitsyn, L.R., see Rettberg, P. 289

Puchades, R., see Penalva, J. 227

Ríos, A., see Luque-Pérez, E. 155

Ramanathan, K., see Momeni, N. 21

Ramis-Ramos, G., see Noguera-Ortí, J.F. 127

Rechnitz, G.A., see Liu, M. 29

Reis, B.F., see Martelli, P.B. 165

Rettberg, P.

—, Baumstark-Khan, C., Bandel, K., Ptitsyn, L.R. and Horneck, G. Microscale application of the SOS-LUX-TEST as biosensor for genotoxic agents 289

Sakurai, J., see Yuchi, A. 189

Sasaki, S., see Suzuki, H. 103

Sato, K., see Kumazawa, T. 53

Scherer, K., see Baumstark-Khan, C. 281

Schmid, R.D., see Ji, H.-S. 39

Seno, H., see Kumazawa, T. 53

Suzuki, H.

-, Hirakawa, T., Sasaki, S. and Karube, I.

An integrated three-electrode system with a micromachined liquid-junction Ag/AgCl reference electrode 103

Suzuki, O., see Kumazawa, T. 53

Szpunar, J.

—, Makarov, A., Pieper, T., Keppler, B.K. and Łobiński, R. Investigation of metallodrug-protein interactions by size-exclusion chromatography coupled with inductively coupled plasma mass spectrometry (ICP-MS) 135

Takahashi, A.

-, Ueki, Y. and Igarashi, S.

Homogeneous liquid-liquid extraction of uranium(VI) from acetate aqueous solution 71

Takalo, H., see Härmä, H. 11

Tatebe, A., see Yuchi, A. 189

Toma, H.E., see Azevedo, C.M.N. 175

Townshend, A., see Ghous, T. 47

Ueki, Y., see Takahashi, A. 71

Valcárcel, M., see Luque-Pérez, E. 155

Valiente, M., see Garcia-Valls, R. 77

van der Lelie, D., see Corbisier, P. 235

Villanueva-Camañas, R.M., see Noguera-Ortí, J.F. 127

Wada, H., see Yuchi, A. 189

Watanabe-Suzuki, K., see Kumazawa, T. 53

Wróbel, K.

—, Wróbel, K., Cruz-Jiménez, G. and Angulo-Romero, F. Application of internal standard for micro extraction-spectrophotometric determination of copper in serum and in natural waters 217

Wróbel, K., see Wróbel, K. 217

Xiao, D., see Choi, M.M.F. 197

Yano, K., see Ji, H.-S. 39

Yoshida, Z., see Kitatsuji, Y. 181

Yuchi, A.

—, Sakurai, J., Tatebe, A., Hattori, H. and Wada, H. Performance of arylboronic acids as ionophore for inorganic anions studied by fluorometry and potentiometry 189

